

Title (en)

METHOD FOR MANUFACTURING A DEVICE FOR REGENERATING BIOLOGICAL TISSUES

Title (de)

VERFAHREN ZUR HERSTELLUNG EINER VORRICHTUNG ZUR REGENERIERUNG VON BIOLOGISCHEM GEWEBE

Title (fr)

PROCEDE DE FABRICATION D'UN DISPOSITIF POUR REGENERER DES TISSUS BIOLOGIQUES

Publication

EP 2491110 A1 20120829 (EN)

Application

EP 10768907 A 20101007

Priority

- IT MI20091807 A 20091020
- EP 2010065046 W 20101007

Abstract (en)

[origin: WO2011047969A1] A device (1) for regenerating biological tissues, particularly for regenerating tissues of the peripheral nervous system, the respective manufacturing method (100) and the instrument (11) used in the method, the regeneration device (1) comprising a hollow tubular structure (2) based on biocompatible material and having a structural porosity in which the pores are oriented substantially radially with respect to its longitudinal axis (3) so as to minimize the formation of scar tissue around the damaged site and allow the growth of the biological tissue inside the pores and inside the duct (4) defined by the hollow tubular structure (2) and facilitate the transport of nutrients.

IPC 8 full level

C12M 3/00 (2006.01); **A61L 27/56** (2006.01); **C12N 5/00** (2006.01); **C12N 5/07** (2010.01)

CPC (source: EP US)

A61L 27/56 (2013.01 - EP US); **C12M 25/10** (2013.01 - EP US)

Citation (search report)

See references of WO 2011047969A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

WO 2011047969 A1 20110428; CA 2778237 A1 20110428; EP 2491110 A1 20120829; IT 1396210 B1 20121116; IT MI20091807 A1 20110421; US 2012226363 A1 20120906

DOCDB simple family (application)

EP 2010065046 W 20101007; CA 2778237 A 20101007; EP 10768907 A 20101007; IT MI20091807 A 20091020; US 201013503134 A 20101007